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Identifier: Tetsuo IKEDA, et al.

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) A one-way clutch assembly, comprising:

an inner and an outer race;

~~integrated with~~ a rolling bearing in which plural rolling elements and sprags are arranged in an annular space between said ~~[[an]]~~ inner race and ~~[[an]]~~ outer race
5 in each of which a one-way clutch raceway surface is formed in one axial side of a rolling bearing raceway surface~~[[,]]~~;

said rolling elements and said sprags ~~make contact~~ contacting with respective raceway surfaces and being ~~are~~ respectively housed in pockets formed in a common cage~~[[,]]~~ said rolling elements and said sprags being disposed to be
10 ~~held at~~ predetermined intervals in a circumferential direction~~[[,]]~~;

said one-way clutch further comprises urging means for urging said sprags in a locking direction in said pockets;

said cage being configured by engaging and integrating two annular members with each other in an axial direction~~[[,]]~~; and

15 ~~said one-way clutch comprises urging means for urging said sprags in a locking direction in said pockets, wherein~~

an annular flat plate portion integrally formed in one of said two annular members, said annular flat plate sealing which ~~seals one axial end portion of said~~

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annular space between said inner race and said outer race; ~~is integrally formed in one of said two annular members constituting said cage,~~

5 at least one claw and an axial through hole disposed on one of said two annular members, said at least one radial axial through hole disposed axially adjacent to said claw; and ~~which passes in a radial direction is formed in said one annular member, and~~

10 at least one engaging portion for engaging said claw, said engaging portion formed on the other of said two annular members, said engaging portion comprising a guide groove and a radial at least one axial through hole disposed axially inward of said guide groove ~~which passes in the axial direction is formed in an other one of said annular members.~~

2. (Currently Amended) The A one-way clutch of integrated with a rolling bearing ~~ac-cording to claim 1,~~ wherein said urging means has a struc-ture in which plural spring pieces that respectively urge said sprags are integrally formed in an annular flat plate member, and said urging means is attached to an axial outer side of said other annular member to cover said axial through hole, thereby sealing another axial end portion of said annular space.

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3. (Currently Amended) ~~The A~~ one-way clutch ~~of integrated with a rolling bearing~~
~~ac-cording to claim 1 or 2~~, wherein each of said annular members constituting said
cage is formed by an injection molded resin, and said axial through hole and said
radial through hole which are formed in said annular members are mold extracting
5 holes for forming an undercut disposed in an engagement portion between said
annular members.

4. (Withdrawn-Original) A one-way clutch integrated with a rolling bearing in
which plural rolling elements for a rolling bearing, and sprags for a one-way clutch
are arranged in an annular space between an inner race and an outer race in each
10 of which a one-way clutch raceway surface is formed on an ax-ial side of a rolling
bearing raceway surface, with corresponding to said raceway surfaces, wherein
in each of said inner race and said outer race, a step is formed between said
one-way clutch raceway surface and a shoulder portion adjacent to said rolling
bearing raceway surface, said step being directed in a direction in which a radial
15 dimension of said annular space in said one-way clutch raceway surface is larger
than a radial dimension of said annular space in said shoulder portion.

5. (Withdrawn-Currently Amended) ~~The A~~ one-way clutch ~~of integrated with a~~
~~rolling bearing ac-cording to claim 4~~, wherein an inner peripheral face of said
inner race and an outer peripheral face of said outer race are fitted to respective

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counterparts, a radial thick-ness of a one-way clutch raceway surface forming portion of one of said inner race and said outer race is smaller than a radial thickness of a one-way clutch raceway surface forming portion of another one of said inner race and said outer race, said one of said inner race and said outer race being fitted to one of said counterparts which has higher shape accuracy of a fitting surface with respect to said inner race or said outer race.

6. (Withdrawn-Original) A one-way clutch integrated with a rolling bearing in which a sprag one-way clutch is integrally formed on a side of a rolling bearing, wherein

a one-way clutch raceway surface with which outer peripheral sides of sprags of said one-way clutch make contact is integrally formed on an axial side of a raceway surface of an outer race of said rolling bearing, and inner peripheral sides of said sprags are to make contact with an outer peripheral face of a shaft which is to be fitted to an inner peripheral face of an inner race of said rolling bearing, thereby conducting torque transmission between said outer peripheral face of said shaft and said one-way clutch raceway surface of said outer race.

7. (Withdrawn-Currently Amended) The ~~A one-way clutch of integrated with a rolling bearing according to claim 6,~~ wherein an outer diameter of a portion of said shaft with which the inner peripheral sides of said sprags are to make contact

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is approximately equal to an outer diameter of a portion to which said inner peripheral face of said inner race of said rolling bearing is to be fitted.

8. (Withdrawn-Original) A one-way clutch integrated with a rolling bearing in which a sprag one-way clutch is integrally formed on a side of a rolling bearing, wherein

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a one-way clutch raceway surface with which inner peripheral sides of sprags of said one-way clutch make contact is integrally formed on an axial side of a raceway surface of an inner race of said rolling bearing, and outer peripheral sides of said sprags are to make contact with an inner peripheral face of a housing to which an outer peripheral face of an outer race of said rolling bearing is to be fitted, thereby conducting torque transmission between said inner peripheral face of said housing and said one-way clutch raceway surface of said inner race.

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9. (Withdrawn-Currently Amended) ~~The~~ A one-way clutch of integrated with a rolling bearing according to claim 8, wherein an inner diameter of a portion of said housing with which the outer peripheral sides of said sprags are to make contact is approximately equal to an inner diameter of a portion to which said outer peripheral face of said outer race of said rolling bearing is to be fitted.

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10. (Withdrawn-Original) A method of producing a one-way clutch integrated with a rolling bearing in which plural rolling elements and sprags are arranged in an annular space between an inner race and an outer race in each of which a one-way clutch raceway surface is formed axially adjacent to a rolling bearing raceway surface, wherein

5 said inner race and said outer race are processed so that a radial dimension difference between said rolling bearing raceway surface and said one-way clutch raceway surface is within a predetermined tolerance with respect to dimensions that are set respectively for said raceway surfaces, and said inner race and said outer race are matched and incorporated so as to obtain an initial radial gap at which, in

10 a state where said inner race and said outer race are fitted to respective counterparts, a radial gap of said rolling bearing has a preset value.

11. (Withdrawn-Currently Amended) A method of producing the ~~a~~ one-way clutch of integrated with a rolling bearing according to claim 10, wherein, in said inner

15 race and said outer race, said rolling bearing raceway surface and said one-way clutch raceway surface are simultaneously ground by a form grinding process using a rotary dresser.